

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: Nitin Khanna
- User Type: ☒ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☐ Masters
- Institution Name : Bhilai Institute of Technology Durg
- Institutional Contact No: 0788-2359297
- Research Topic: Nanomaterials for Photothermal Therapy

Software Request Details

- Software Name: COMSOL MultiPhysics
- Justification for Software Request: [Provide detailed explanation of how the software supports your research objectives]

We are exploring NIR based Photothermal Therapy for Cancer. We need to optimise the Nanomaterial Structure for Photothermal Effect upon a limited NIR light window . So for this we need wave optics and heat transfer modules of COMSOL Multiphysics .We may also need some peripheral modules like semiconductor Physics, material Library etc that we are also requesting. We will be highly obliged for your consideration.

Guide/Supervisor Approval

I, Dr. Raunak Tamrakar (Guide/Supervisor Name),

- Confirm that the above-mentioned researcher is affiliated with our institution
- Have reviewed the software request and its relevance to the researcher's academic work
- Approve the software request for research purposes

Approval Confirmation

- I approve the software request
- The software aligns with the researcher's research objectives
- The request meets the institutional research guidelines

Guide/Supervisor Signature: Dr. Raunak

Date: 4/12/2025 Dr. Raunak Kumar Tamrakar.

Official Stamp/Seal: [Space for Institutional Stamp]
Assistant Professor
Bhilai Institute of Technology
Durg, Chhattisgarh, India

Important Notes

1. This form must be signed and scanned
2. The scanned copy must be uploaded with the software request
3. Electronic signatures are acceptable if from an official institutional email

